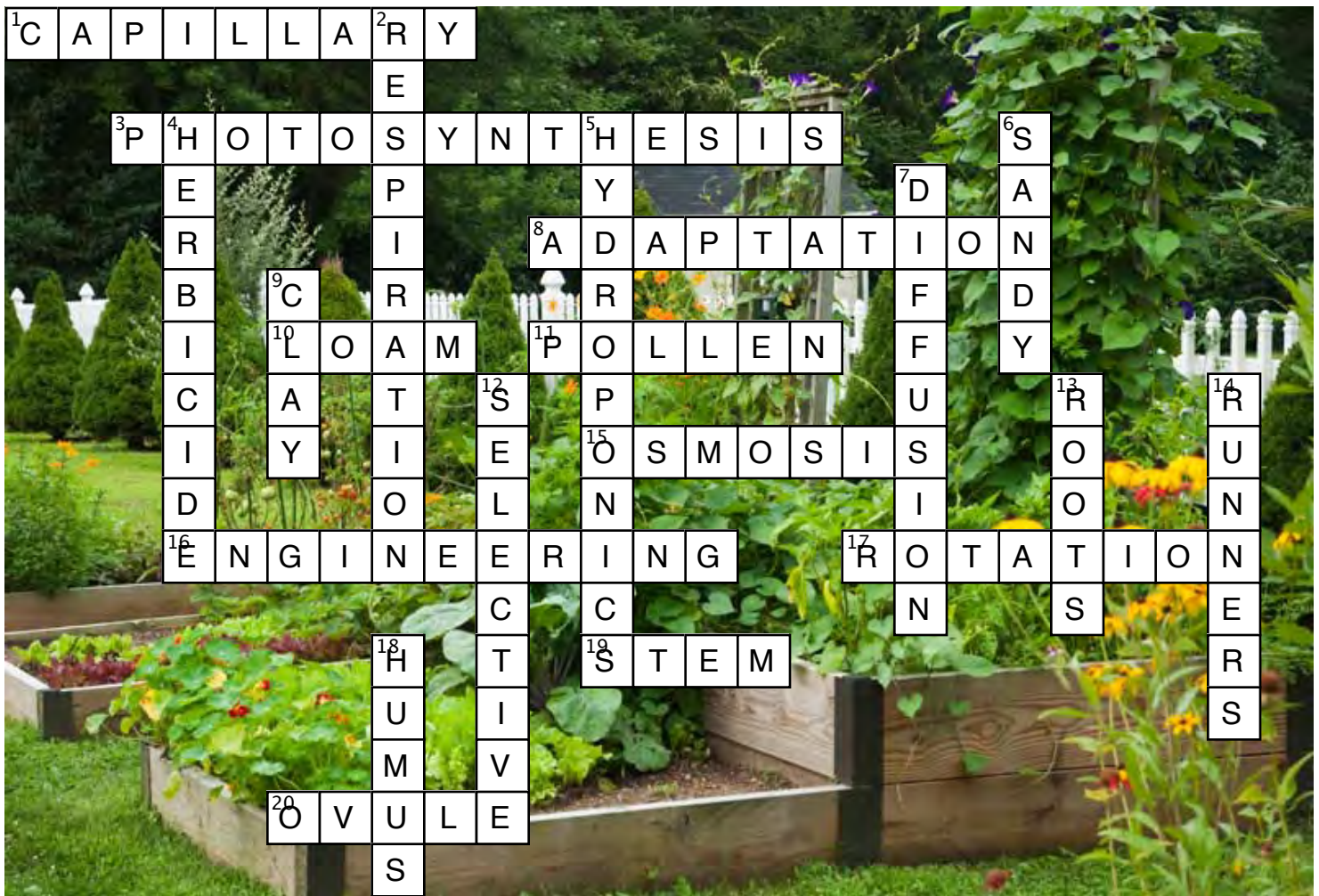


# Unit B - Plants for Food and Fibre Review

Science 7  
ADLC



## Across

1. Water travels up tiny tubes in plant stems through \_\_\_\_\_. [CAPILLARY]
3. What is the process of plants using carbon dioxide and water to make sugar and oxygen? [PHOTOSYNTHESIS]
8. An example of a plant \_\_\_\_\_ is a cactus having thick waxy skin to prevent evaporation of water in a dry climate. [ADAPTATION]
10. What type of soil has a good balance of humus and minerals? [LOAM]
11. What is the small sticky substance that male flowers produce? [POLLEN]
15. When the water concentration outside the plant roots is higher than the water concentration inside the plant roots, water moves into the roots by the process of \_\_\_\_\_. [OSMOSIS]
16. Genetic \_\_\_\_\_ involves humans changing the genes in plant cells to make seeds with desired traits. [ENGINEERING]
17. Planting different crops in a field every year to keep soil healthy is called crop \_\_\_\_\_. [ROTATION]
19. What is the plant structure that transports nutrients and water to all parts of the plant? [STEM]
20. When the \_\_\_\_\_ in a female flower is pollinated, it turns into a seed. [OVULE]

## Down

2. Cellular \_\_\_\_\_ is the process of plants using sugar and oxygen to obtain energy. [RESPIRATION]
4. A chemical used to kill weeds is a \_\_\_\_\_. [HERBICIDE]
5. The name of the technology used to grow plants without soil is \_\_\_\_\_. [HYDROPONICS]
6. What type of soil does not hold water or nutrients very well? [SANDY]
7. What is the process of a substance moving into a plant cell because a higher concentration of the substance exists outside the cell than is inside the cell? [DIFFUSION]
9. What type of soil has lots of minerals but very little humus? [CLAY]
12. \_\_\_\_\_ breeding involves choosing two specific plants and cross-pollinating them to make seeds with desired traits. [SELECTIVE]
13. What is the plant structure that provides support for the plant in the soil? [ROOTS]
14. The long stems above soil that strawberry plants use for reproduction are \_\_\_\_\_. [RUNNERS]
18. What is the organic material in soil called? [HUMUS]